



THE PORT AUTHORITY  
OF NY & NJ

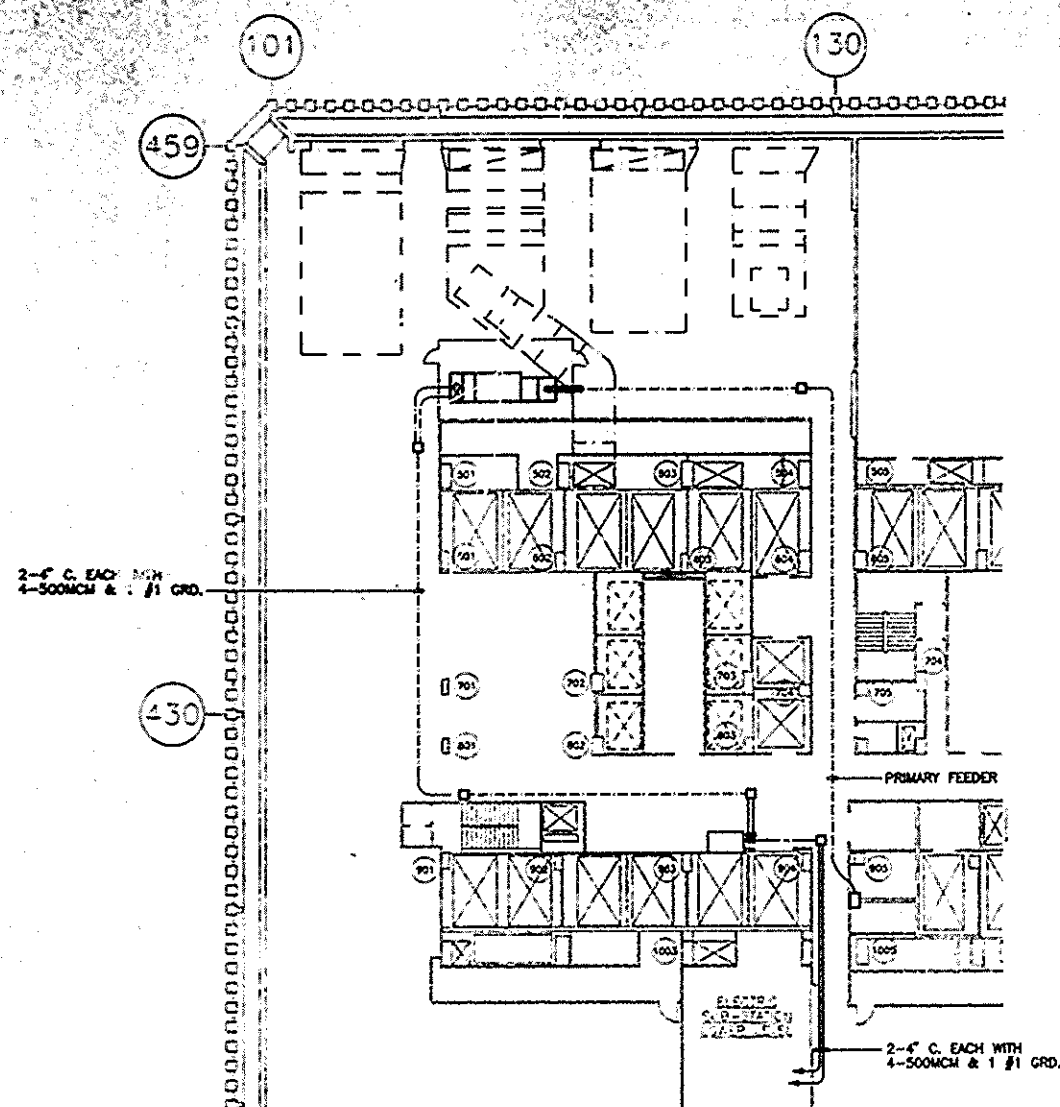
CONFORMED DRAWING  
08/2/98  
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ORIGINAL SIGNED & SEALED BY  
N.Y. P.E. (OR E.A.)

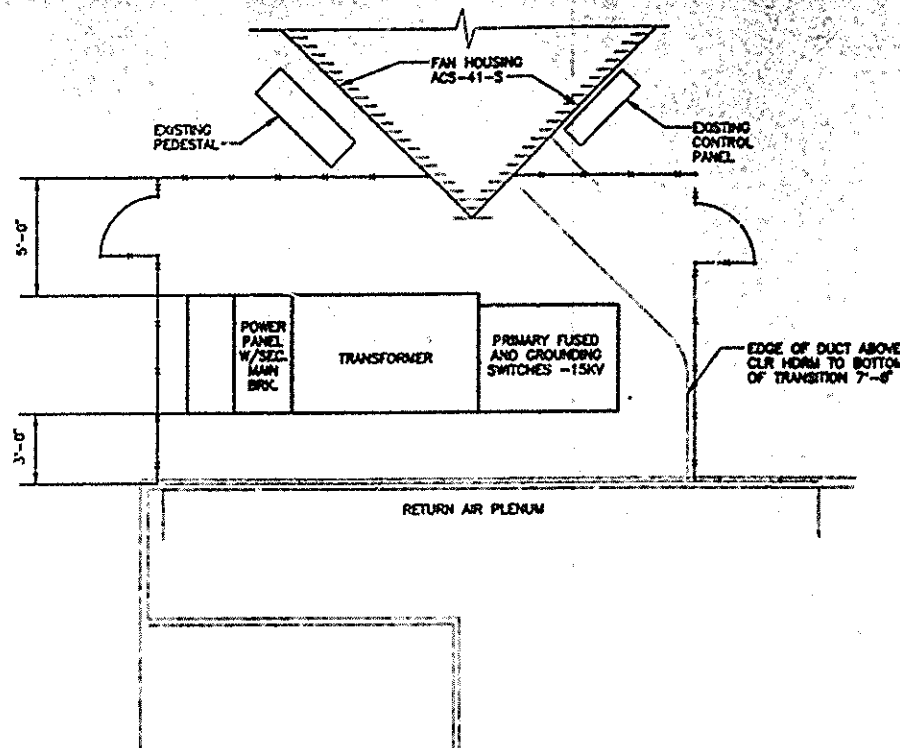
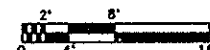
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THE OFFICE OF  
DAVID  
ELIYAH  
LEONOWITZ  
P.C.  
REGISTERED ELECTRICAL ENGINEER  
IN THE STATE OF NEW YORK  
No. 00000000000000000000

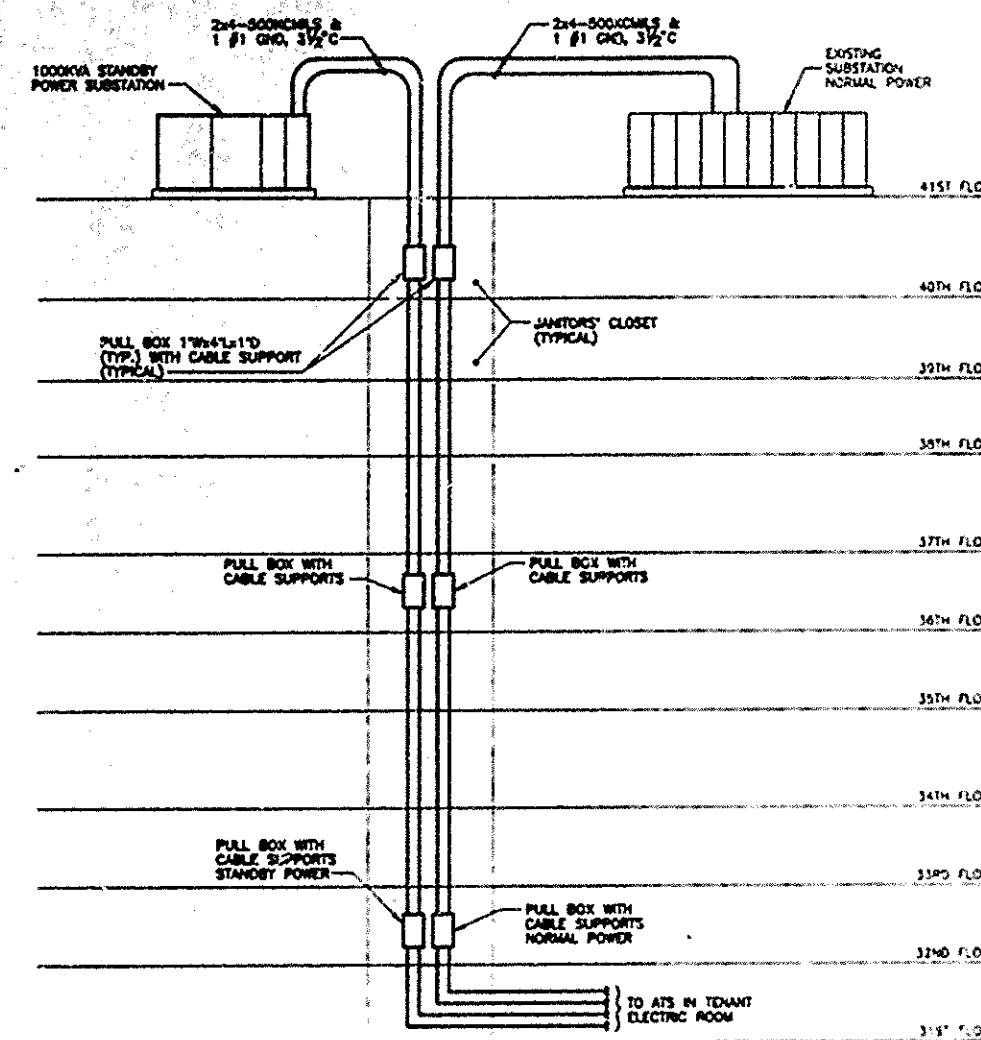
LESLIE E ROBERTSON  
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300 PARK AVENUE, 10TH FLOOR  
NEW YORK, NY 10022  
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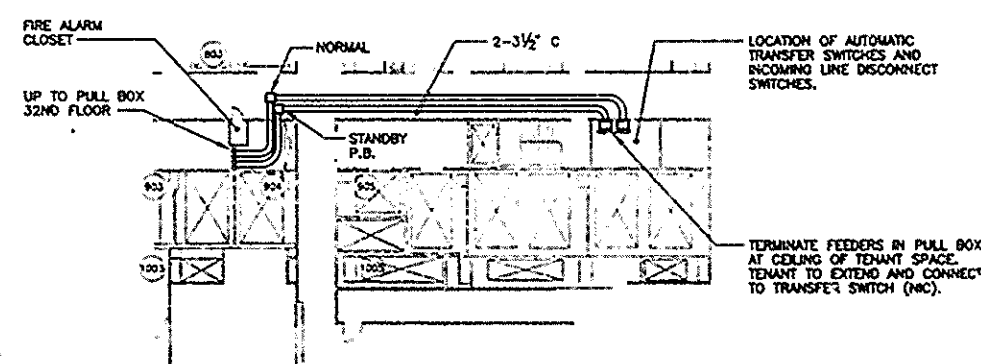
41ST FLOOR PART PLAN



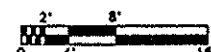
PART PLAN 41ST FLOOR MER  
1000KVA - 13.8KV SUBSTATION



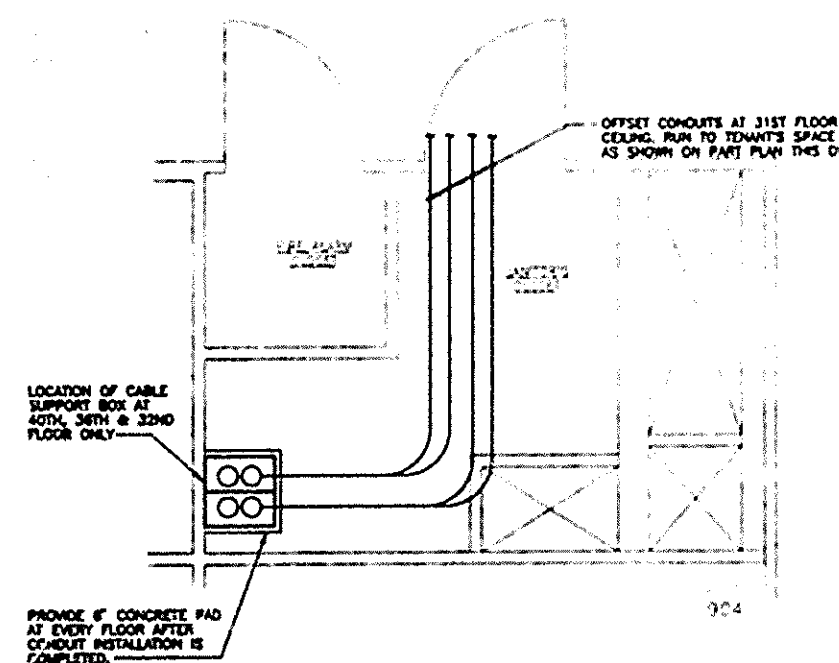
RISER DIAGRAM  
460V NORMAL & STANDBY POWER  
NOT TO SCALE



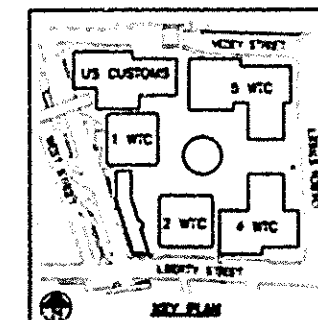
31ST FLOOR PART PLAN



NOTES:  
1. PROVIDE #3/8 GROUND CONDUCTOR BONDING JUMPER CONNECTION FROM THE TRANSFORMER SECONDARY DERIVED SOURCE POINT TO THE NEAREST STRUCTURAL STEEL.



TYPICAL CONDUIT RISER  
ARRANGEMENT IN JANITORS CLOSET  
AT FLOORS 31ST THRU 40TH



No. Date Revision Approved

Engineering Department  
Design Division

The  
World  
Trade  
Center

STANDBY POWER  
5 WORLD TRADE CENTER

ELECTRICAL  
2 WTC 41ST FL.  
SUBSTATION &  
FEEDER ROUTING  
DETAILS

This drawing is subject to conditions in contract.  
All dimensions, notes, details and methods  
herein are reserved to Port Authority and  
may not be used without its written consent.

Prepared by: M.A.P. Drawn by: Check by:

Date: 11/17/97 Scale: AS NOTED

Contract Number: WTC-945.071 Drawing Number: E5-03